



Results of the 2024 HKDSE Predicted Level Study

The Hong Kong Examinations and Assessment Authority (HKEAA) had completed the Predicted Level Study of the 2024 Hong Kong Diploma of Secondary Education Examination (HKDSE). This article provides a summary of the results.

The Study aimed to evaluate the accuracy of predicting school candidates' HKDSE results based on their internal assessment marks in schools. Each participating school will receive detailed reports outlining the prediction results for all subjects. The reports will enhance teachers' understanding of students' performance in public examinations and help improve the design of their school assessments.

A total of 398 participating schools, representing about 84% of the participating schools, had submitted internal assessment marks of about 37,000 school candidates for the Study. Predictions of the school candidates' HKDSE levels were made based on the submitted marks and the school's past HKDSE results. The predicted levels were subsequently compared with the concerned candidates' actual levels achieved in the corresponding Category A subjects in the 2024 HKDSE.

Compared with Chinese Language and Mathematics Compulsory Part, the prediction outcome of English Language is more accurate, with approximately 71% of candidates' predicted levels matching their actual HKDSE levels. Meanwhile, about 29% of the predicted levels are one level above or below the candidates' actual levels in this subject. The matching percentages for the Chinese Language and Mathematics Compulsory Part are about 49% and 59% respectively, and about 45% and 39% of their predicted levels are one level above or below the candidates' actual levels. Overall, about 93% to 99% of the predictions for these three core subjects lie within one-level deviation from the HKDSE actual levels. It indicates that the school internal assessments marks can generally reflect students' performance on the HKDSE for these subjects.

In general, the accuracy of predicted levels for the elective subjects is slightly lower than the core subjects due to the smaller candidatures, fewer entries by schools in those subjects, the variations in schools' HKDSE results over the years, etc. About 80% to 98% of the candidates' predicted levels lie within one-level deviation from their HKDSE actual levels for the elective subjects. Please refer to the annex for more details.

The HKEAA will continue to conduct the Predicted Level Study in 2025. The Authority will explore mechanisms to improve the prediction accuracy, and provide more useful feedback to schools to enhance the validity and reliability of their internal assessments.

Annex: 2024 HKDSE Predicted Level Study Results Summary

Subject#		Number of Participating Schools	Total Number of Candidates from Participating Schools	Predicted Level Same As Actual DSE Level (%) [A]	Predicted Level 1 Level Above/Below Actual DSE Level (%) [B]	Difference Between Predicted Level and Actual DSE Level Within 1 Level (%) [A+B]
Chinese Language		395	35,716	48.5	44.8	93.2
English Language		395	36,636	70.7	28.5	99.2
Mathematics Compulsory Part		394	36,504	58.8	38.8	97.6
Mathematics Extended Part	Algebra and Calculus	294	4,262	39.3	47.3	86.6
	Calculus and Statistics*	187	2,241	34.2	45.8	79.9
Biology		384	11,395	55.5	41.8	97.3
Chemistry		383	10,246	57.6	39.3	97.0
Physics		378	8,320	54.7	42.4	97.1
Information and Communication Technology		363	5,145	53.7	41.9	95.6
Visual Arts		326	3,024	62.2	35.7	97.9
Chinese Literature*		119	1,149	39.3	45.4	84.7
Literature in English*		24	170	46.3	44.4	90.7
Health Management and Social Care*		64	1,010	56.6	40.2	96.8
Design and Applied Technology*		35	393	60.3	36.2	96.5
Technology and Living	Food Science and Technology*	8	103	50.0	46.1	96.1
	Fashion, Clothing and Textiles*	3	29	21.4	64.3	85.7
Business, Accounting and Financial Studies	Accounting	308	5,618	51.4	42.7	94.1
	Business Management	135	2,378	53.7	41.2	94.9
Economics		377	10,503	49.0	44.5	93.6
Geography		363	6,588	44.7	46.3	91.0
Chinese History		354	4,880	44.3	45.4	89.7
History		277	4,059	44.0	45.1	89.1
Tourism and Hospitality Studies		193	3,221	44.2	44.6	88.8
Ethics and Religious Studies*		76	638	48.9	42.4	91.2
Physical Education*		123	1,036	49.2	43.3	92.6
Music*		55	130	46.3	41.1	87.4

The first Citizenship and Social Development (CS) examination was held in the 2024 HKDSE. The CS is excluded in the study since there are no schools' past HKDSE results data for prediction in 2024.

*small candidature subject

Remark: The percentage values listed in the annex are adjusted to one decimal place.